



## 2025 Cardiovascular Science in Session

Symposium for the Chinese Cardiovascular Community during the  
2025 AHA Scientific Sessions Week

Thursday, November 6<sup>th</sup> 2025, New Orleans  
Tulane University School of Medicine, Hutchinson Auditorium  
1430 Tulane Ave, New Orleans, LA 70112

Jointly organized by



Academy of Cardiovascular  
Research Excellence (**ACRE**)



Chinese American Heart  
Association (**CNAHA**)

Join us in **New Orleans** for an engaging afternoon of  
**science** and **networking**  
with low registration and dinner included!

Registration



Final Program



Questions? please contact  
Dr. Huabo Su [HSU@augusta.edu](mailto:HSU@augusta.edu)  
Dr. Jun Yu [jun.yu@temple.edu](mailto:jun.yu@temple.edu)  
Dr. Changcheng Zhou [changchz@ucr.edu](mailto:changchz@ucr.edu)



## Program Overview

<b>11:00 — 13:00</b>	Registration	
<b>11:30 — 12:00</b>	Career Development Workshop	
<b>12:30 — 12:35</b>	Opening Remarks	
<b>Scientific Program I</b>	<b>12:35 — 13:05</b>	CNAHA Bernard Lown Lectureship Presentation
	<b>13:05 — 14:20</b>	Featured Presentations (5)
	<b>14:20 — 15:20</b>	Early Young Investigator Presentations (4)
<b>15:20 — 15:50</b>	☕ ☕ Coffee Break ☕ ☕	
<b>15:50 — 16:05</b>	Vendor Presentations	
<b>Scientific Program II</b>	<b>16:05 — 17:05</b>	Young Investigator Award Competition (6)
	<b>17:05 — 17:35</b>	Keynote Presentation
<b>17:35 — 17:45</b>	Closing Remarks	
<b>17:45 — 17:55</b>	Group Photo	
<b>19:00 — 21:00</b>	Dinner & Award Celebrations	



## Keynote Presentation



**Richard N. Kitsis MD**  
Albert Einstein College of  
Medicine

**Dr. Richard N. Kitsis** is a Professor of Medicine and Cell Biology, holding the Dr. Gerald and Myra Dorros Chair in Cardiovascular Disease, and serves as the Director of the Wilf Family Cardiovascular Research Institute at Albert Einstein College of Medicine. He also works as an Attending Cardiologist at Montefiore Einstein.

Dr. Kitsis is internationally recognized for his groundbreaking research on the molecular mechanisms of cell death and its role in myocardial infarction. His laboratory was the first to demonstrate that regulated forms of cell death are a primary cause of cardiac injury during heart attacks, a discovery that has transformed therapeutic strategies for ischemic heart disease.

He has received numerous honors, including the 2023 Jay and Jeanie Schottenstein Prize in Cardiovascular Sciences from The Ohio State University and the President's Distinguished Lecture Award from the International Society for Heart Research. Dr. Kitsis earned his BA in Chemistry from Harvard (summa cum laude) and his MD from the University of California, San Francisco.

## CNAHA Bernard Lown Lectureship Presentation



**Kenneth Liao MD PhD**  
Baylor College of Medicine

**Dr. Kenneth Liao** is a nationally recognized cardiothoracic surgeon specializing in minimally invasive and robotic cardiac surgery, heart transplantation, and mechanical circulatory support. He currently serves as Chief of the Division of Cardiothoracic Transplantation and Circulatory Support at Baylor College of Medicine and as Chief of Cardiothoracic Transplantation and Mechanical Circulatory Support at Baylor St. Luke's Medical Center. Before joining Baylor, Dr. Liao led the Robotic and Minimally Invasive Cardiac Surgery and Heart Transplant programs at the University of Minnesota, where he pioneered robotic mitral valve repair and transcatheter aortic valve replacement (TAVR). He is board-certified in both general and thoracic surgery and oversees two advanced fellowship programs in cardiothoracic surgery at Baylor. Dr. Liao has contributed to over 30 clinical trials and has delivered invited lectures worldwide. A Fellow of the American College of Surgeons and the American College of Chest Physicians, he has published extensively in the fields of valve surgery, heart failure, and ventricular assist devices.

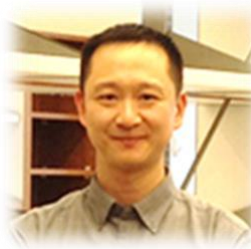


## Featured Presentations

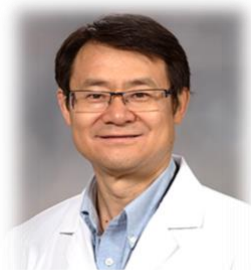
### Senior Investigators



**Ke Cheng PhD**  
Professor  
Biomedical Engineering  
Columbia University  
*Stem cells, exosomes in regenerative medicine*



**Liming Pei PhD**  
Associate Professor  
Pathology  
University of Pennsylvania  
*Cardiac endocrinology, single cell biology*



**Yingjie Chen MD PhD**  
Professor of Physiology  
University of Mississippi  
*Mechanisms of Heart failure and pulmonary hypertension*



**Jialong Zhuo MD PhD**  
Professor of Physiology  
Tulane University  
*Hypertension  
Renin Angiotensin System  
G Protein-coupled receptor pharmacology*



**Hongyu Qiu MD PhD**  
Professor of Medicine  
University of Arizona  
*Epigenetic/Genetic Regulation in cardiovascular diseases*

### Rising Stars



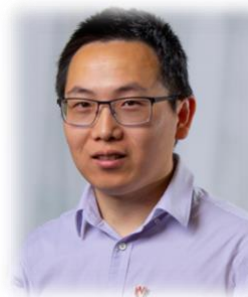
**Haobo Li PhD**  
Assistant Professor  
Harvard University  
*Cardiac response to exercise  
Epi-transcriptional regulation in heart failure/Alzheimer's disease*



**Shijie Liu PhD**  
Assistant Professor  
Cincinnati Children's Hospital Medical Center  
*Chromatin remodeling in heart development, cardiomyocyte maturation, congenital heart diseases.*



**Guoping Li PhD**  
Assistant Professor  
Harvard University  
*tRNA in cardiovascular diseases and neurodegenerative diseases. Extracellular vesicles in drug delivery systems and therapeutics*



**Wei Shi MD**  
Assistant Professor  
University of Nebraska  
*Using spatial transcriptomics and newly synthesized protein labeling to understand cardiac injury and repair.*



# 2025 Cardiovascular Research Science in Session

## Final Program

Hutchinson Auditorium at Tulane University School of Medicine  
1430 Tulane Ave, New Orleans, LA 70112  
11:30 -18:00

### Early Career Development Workshop

11:30-12:00	<b>Panelists</b> <u>Xinliang Ma</u> , MD <u>Joseph Miano</u> , PhD <u>Jiang Chang</u> , PhD <u>Jiliang Zhou</u> , PhD <u>Hanjun Wang</u> , MD	Professor of Medicine, Thomas Jefferson University Professor of Vascular Biology, Augusta University Professor, Director for Genomic and Precision Medicine, Texas A&M University Professor, Chair in Muscle Biology, Louisiana State University Health Shreveport Professor, Research Chair of Anesthesiology Department, University of Nebraska Medical Center
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### Opening Remarks

12:30-12:35	<u>Zhao Wang</u> , PhD <u>Hanjun Wang</u> , MD	President of ACRE President (Research) of CNAHA
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## Scientific Session I

### CNAHA Bernard Lown Lectureship (25min talk + 5min Q&A)

Moderator:	<u>TBD</u>
12:35-13:05	<u>Kenneth K Liao</u> , MD, PhD, Baylor College of Medicine <i>Uniting Cell Death Programs in Heart Disease</i>

### Featured Presentation (12min talk + 3min Q&A)

Moderators:	<u>TBD</u>
13:05-13:20	<u>Liming Pei</u> , PhD, University of Pennsylvania <i>Molecular Architecture of the Human Heart</i>
13:20-13:35	<u>Yingjie Chen</u> MD PhD, University of Mississippi <i>T cell effects on systolic overload and immune checkpoint inhibitors-induced cardiac inflammation and dysfunction</i>
13:35-13:50	<u>Ke Cheng</u> , PhD, Biomedical Engineering, Columbia University <i>Minimally Invasive delivery of secretome therapeutics for heart repair</i>
13:50-14:05	<u>Jialong Zhuo</u> MD, PhD, Tulane University School of Medicine <i>From Endocrine, Paracrine to Intracrine Angiotensin II: What Else Is Left for Angiotensin-II-Dependent Hypertension Research?</i>
14:05-14:20	<u>Hongyu Qiu</u> MD PhD, University of Arizona College of Medicine <i>The role of valsoin-containing protein in the heart.</i>



## Early Career Investigator Presentations (12min talk + 3min Q&A)

Moderators: TBD

- 14:20 -14:35 Haobo Li PhD, Harvard University  
*Epi(c)- transcriptional Regulation of Cardiac Response to Exercise*
- 14:35 -14:50 Shijie Liu PhD, Cincinnati Children's Hospital Medical Center  
*YAP Promotes Microtubule Growth to Facilitate Sarcomere Disassembly in Adult Cardiomyocytes*
- 14:50 -15:05 Guoping Li PhD, Harvard University  
*tRNA Cleavage: A Molecular Switch for Renal and Cardiac Protection*
- 15:05 -15:20 Wei Shi MD, University of Nebraska  
*Stage-Specific Roles of CHD4 in Embryonic and Postnatal Hearts*

15:20 – 15:50



**Coffee Break**



## Scientific Session II

### Vendor Presentations

- Moderators: Jiliang Zhou, PhD, Louisiana State University Health Shreveport  
Liya Yin, PhD, The University of Arizona College of Medicine
- 15:50 -15:55 Ming Chen, Ph.D., Shibeikang LLC  
*Current R&D Pipeline: Key Candidates and Development Status*
- 15:55 -16:00 Yajing Wang, MD, PhD, University of Alabama at Birmingham, Associate Editor, Cardiology Discovery  
*Cardiology Discovery Journal Development*
- 16:00 -16:05 Meizhu Qi, PhD, OBIO Tech,  
*AAV-Mediated Gene Delivery to Specialized Cardiovascular System: Strategies and Applications*

### Young Investigator Award Competition (8min talk + 2min Q&A)

Moderators: TBD

- 16:05-16:15 Presentation 1
- 16:15-16:25 Presentation 2
- 16:25-16:35 Presentation 3
- 16:35-16:45 Presentation 4
- 16:45-16:55 Presentation 5
- 16:55-17:05 Presentation 6



## Keynote Presentation (25min talk + 5min Q&A)

Moderators: TBD

17:05-17:35 Richard Kitsis, MD, Wilf Family Cardiovascular Research Institute at Albert Einstein College of Medicine.  
*Uniting Cell Death Programs in Heart Disease*

## Closing Remarks

17:35-17:45 Hong Chen, PhD (President-elect, ACRE), Boston Children's Hospital, Harvard Medical School  
Hanjun Wang, MD (President-Research, CNAHA), University of Nebraska Medical Center

## Group Photo

17:45-17:55 Auditorium

## Dinner and Award Celebrations

19:00-21:00 TBD.



## Acknowledgements

### Special Acknowledgements

#### **Tulane University School of Medicine**

Local Host: Jialong 'Joe' Zhuo, MD, PhD  
Professor of Physiology  
Director, Tulane Hypertension & Renal Center of Excellence (THRCE)  
Tulane University School of Medicine

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### **Cardiology Discovery**

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**Cardiology Discovery (CD)** is the official journal of the Chinese Society of Cardiology (CSC) of Chinese Medical Association (CMA). It is an English language, peer-reviewed journal that aims to publish high-quality materials on all aspects of cardiovascular medicine and surgery, including original clinical, epidemiological, basic and translational research, health services and outcomes studies, state-of-the-art reviews, technical evaluations, case reports, editorial, perspective, consensus and guideline papers. CD has an international outlook, that is to create a platform of international collaboration and exchange of cutting-edge information on cardiovascular research and education.



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